

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (currently amended) Quick anchoring equipment, which includes the following components:

a segment of chain cable ~~(31)~~;

a hook ~~(32)~~;

a fastener ~~(35)~~;

a fairlead ~~(33)~~;

a segment of cable ~~(37)~~; and

a floatation device ~~(36)~~,

which are mounted together which connect an anchoring line ~~(2)~~ to an anchoring system ~~(4)~~, which includes:

an anchoring device ~~(4a)~~, fixedly attached to the sea bed ~~(8)~~;

an anchor chain cable ~~(4b)~~, one end of which is attached to the anchoring device ~~(4a)~~; and

a shackle ~~(4e)~~, which is supported by a buoy ~~(4d)~~ and is connected to another end of the anchor chain cable ~~(4b)~~;

wherein:

the first end ~~(31a)~~ of the segment of chain cable ~~(31)~~ to be connected to the anchoring line ~~(2)~~, through a connection ~~(2a)~~;

the segment of chain cable ~~(31)~~ to be provided with a length of cable ~~(L1)~~;

the hook ~~(32)~~ with a connecting end ~~(32a)~~ connected to the second end ~~(31b)~~ of the segment of chain cable ~~(31)~~;

the hook ~~(32)~~ with one end ~~(32b)~~ in the form of a ring;

the first end ~~(37a)~~ of the cable segment ~~(37)~~ to also be connected to the first end ~~(31a)~~ of the segment of chain cable ~~(31)~~;

a segment of cable-(37) to be extended by a another length of cable-(L3);
the second end-(37b) of the cable segment-(37) to be connected to a fastener
(35);

the floatation device-(36) to also be connected to the second end-(37b) of the
cable segment-(37), through a linking element-(38);

the first end-(33a) of the fairlead-(33) to be attached to an end ring-(32b) on the
hook-(32), the second end-(33b) of the fairlead-(33) provided with a loop-(34);

the length-(L1) of the chain cable segment-(31) will parallel the precision ray
[laser] used by the boat-(5) to place itself above the position of the anchoring device
(4a) on the sea bed;

the length of chain-(L3) to be sufficient to hold the fastener-(35) out of the area
of poor visibility-(7) on the sea bed-(8);

a length-(L2) of the fairlead-(33) to be equal to the difference between the
length-(L1) of the chain cable segment-(31) and the length-(L3) of the cable segment
(37); and

a length-(L4) of the anchor chain cable-(4b) to be longer than the height of the
area of poor visibility-(7).

2. (currently amended) Quick anchoring equipment in accordance with claim 1,
characterized by the length-(L1) of chain cable-(31) to measure between 20 and 35
meters.

3. (currently amended) Quick anchoring equipment in accordance with claim 2,
characterized by a length-(L1) of chain cable-(31) the optimal length being 25 meters.

4. (currently amended) Quick anchoring equipment in accordance with the
claim 1, or 2 characterized by the hook-(32) to have one free side provided with a ring
(32b).

5. (currently amended) Quick anchoring equipment in accordance with any of the prior claims claim 1, characterized by the fairlead-(33) and the cable segment-(37) each one being comprised of a steel cable.

6. (currently amended) Quick anchoring equipment in accordance with claims 1 through 5 claim 1, characterized by the fairlead-(33) and the cable segment-(37) to be manufactured of synthetic material.

7. (currently amended) Quick anchoring equipment in accordance with claim 5 or 6, characterized by the cable segment-(37) to be provided with a length of cable-(L3) that allows the attachment of a fastener-(35) that may be kept out of the area of poor visibility-(7) on the sea bed-(8).

8. (currently amended) Quick anchoring equipment in accordance with claim 7, characterized by a length of cable-(L3) to measure between 1.5 and 2.5 meters.

9. (currently amended) Quick anchoring equipment in accordance with claim 8, characterized by the length of cable-(L3) with optimal length of 1.5 meters.

10. (currently amended) Quick anchoring equipment in accordance with claims between 1 and 9 claim 1, characterized by a length of cable-(L4) to be longer than the height of the area of poor visibility-(7).

11. (currently amended) Quick anchoring equipment in accordance with claim 10, characterized by the length of cable-(L4) to measure between 1.5 and 2.5 meters

12. (currently amended) Quick anchoring equipment in accordance with claim 11, characterized by length of cable with-(L4) optimal length being 2 meters.

13. (currently amended) Method to use the quick anchoring equipment-(30) ~~described in claims 1 to 12 in accordance with claim 1~~, for the connection of an anchoring line-(2) to an anchoring system-(4), the method being characterized by the following steps:

in a boat, -(5), carry the anchoring line-(2) to a position on the surface of the ocean that is vertically over the anchoring system-(4). The quick anchoring equipment -(30) is attached to one end of said anchoring line-(2);

lower the anchoring line-(2), provided with the quick anchoring equipment-(30), in such a way that said anchoring line-(2) is fully extended and a second end-(33b) of the fairlead-(33) is turned towards the sea bed-(8), and located below the segment of chain cable-(31);

stop the descent of the anchoring line-(2) when the loop-(34) is located at distance-(L5) above the floor of the ocean-(8);

capture and seize the loop-(34), located on the second end-(33b) of the fairlead -(33), using the claws-(6a) of the ROV, the-(6). ~~The ROV will then move away-(6);~~

continue lowering the anchoring line-(2) until the entire quick anchoring equipment-(30) is placed on the sea bed-(8);

move the ROV-(6) in the direction of the shackle-(4e);

slip the loop-(34) through the shackle-(4e), with the help of the ROV-(6);

move the ROV-(6) in the direction of the floatation device-(36), which is connected to the fastener-(35), that the fairlead-(33) will pass through the shackle-(4e);

connect the loop-(34) to the fastener-(35), with the help of the ROV's-(6) claws (6a);

pull and hoist the anchoring line-(2);

while in the boat, connect the other end of the anchoring line-(2) (that is on the surface)-(5), to a floating structure-(1),

use existing tensioning devices on the floating structure-(1) to apply tension to the anchoring line-(2), until the desired configuration is obtained.

14. (currently amended) Connection method for quick anchoring, in accordance with claim 11, characterized by the length of cable-(L5) to be half of the length-(L2) of the fairlead-(33).

15. (currently amended) Method to use the quick anchoring equipment-(30), ~~described in claims 1 through 10 in accordance with claim 1,~~ in order to disconnect an anchoring line-(2) from an anchoring system-(4), the method being characterized by the following steps:

bring the end of the anchoring line-(2) that was connected to a floating structure (1) into a boat-(5);

drive the boat to a position-(5) on the surface of the ocean that is located vertically over anchoring system-(4). Keep the anchoring line-(2) taut;

lower the anchoring line at this point-(2) until the quick anchoring equipment (30) is placed on the sea bed;

with the help of an ROV-(6) locate the floatation device-(36) and consequently the fastener-(35);

disconnect the loop-(34) of the fastener-(35) next to the floatation device-(36);

hoist the anchoring line-(2) with the quick anchoring equipment-(30) attached to the end.